

ENGINEERING CHANGE NOTICE NO. 03699				SHEET 1 OF 1	
DWG NO. 647.1900		REV: N/C	PREPARED BY B. PETERS	DATE: 11/15/12	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
DWG TITLE: BRACKETS					
APPROVED BY:	ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER	
TRANSACTION CODES (TC): A-ADD R-REVISE D-DELETE		REASON: ADDED ALTERNATE MATERIAL.		ECR: D-12-018	

IS

Superseded

⚠ PRIMARY MATERIAL: 7075-T651 ALUMINUM PER AMS-QQ-A-250/12.
ALTERNATE MATERIAL: 7075-T6511 ALUMINUM PER AMS-QQ-A-200/11.

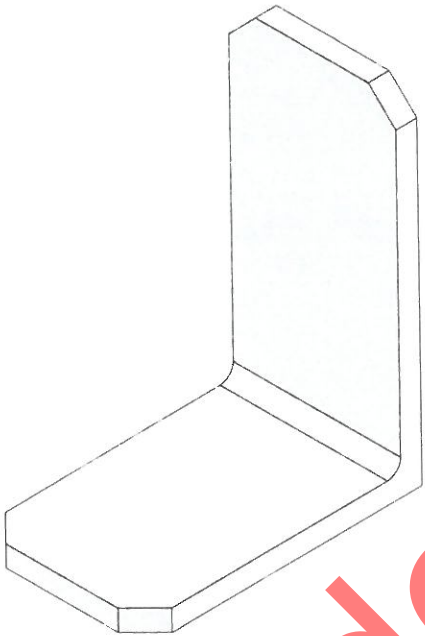
SHEET 1, ZONE A2 IS:

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:				<input type="checkbox"/> RFMS <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL <input type="checkbox"/> INSTRUC <input type="checkbox"/> ICA <input type="checkbox"/> BOM	CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR1		N/C
N/C	INITIAL RELEASE	06/01/09	P. BRAVO

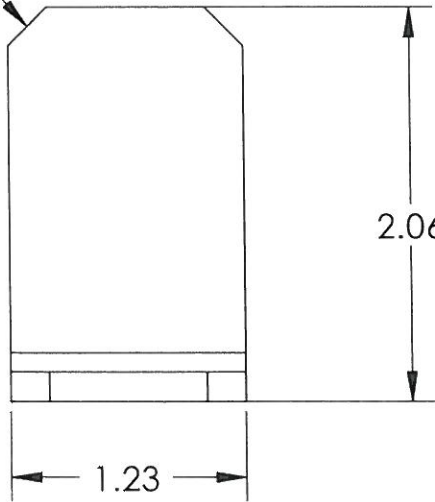
NOTES:

- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III,
CLASS 2, COLOR BLACK;
CARDINAL 4860-50 PRETREATMENT PRIMER
PRIME IAW MIL-P-23377J TYPE I CLASS N
- 3 DEBURR AND BREAK ALL SHARP EDGES
4. IDENTIFY IAW MPP-120

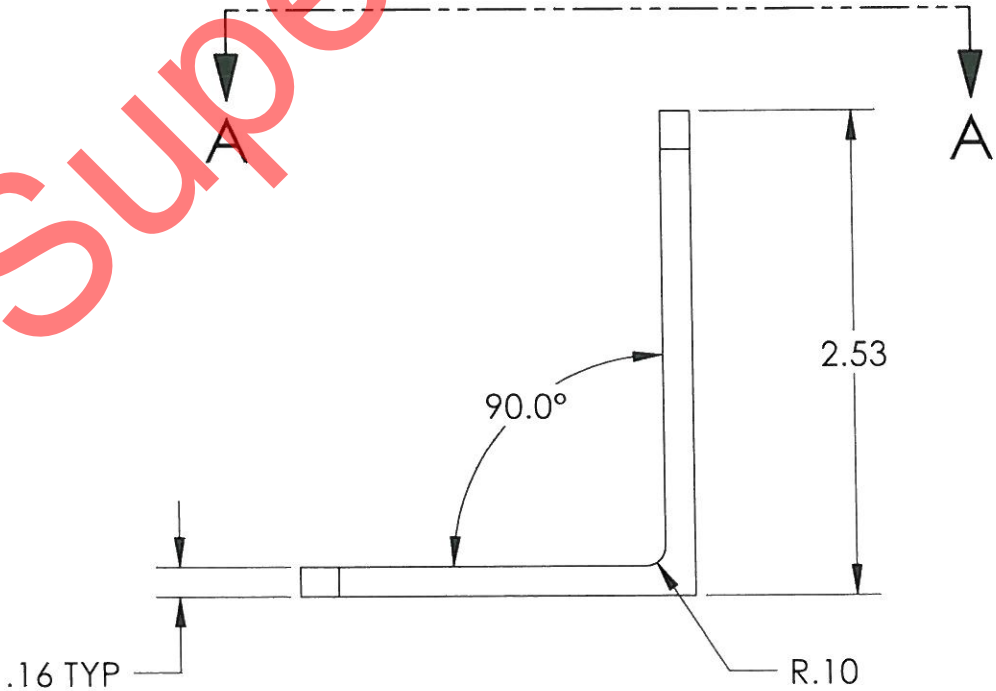


647.1910

.20 X 45.0°
4 PL



SECTION A



UNINCORPORATED ECN(s)

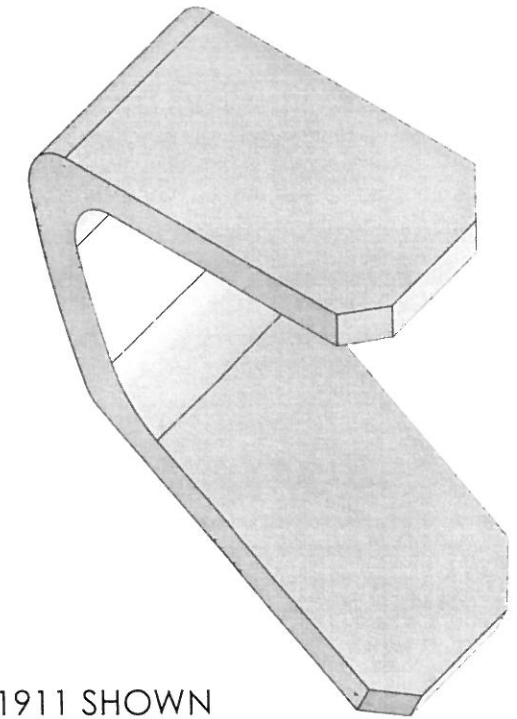
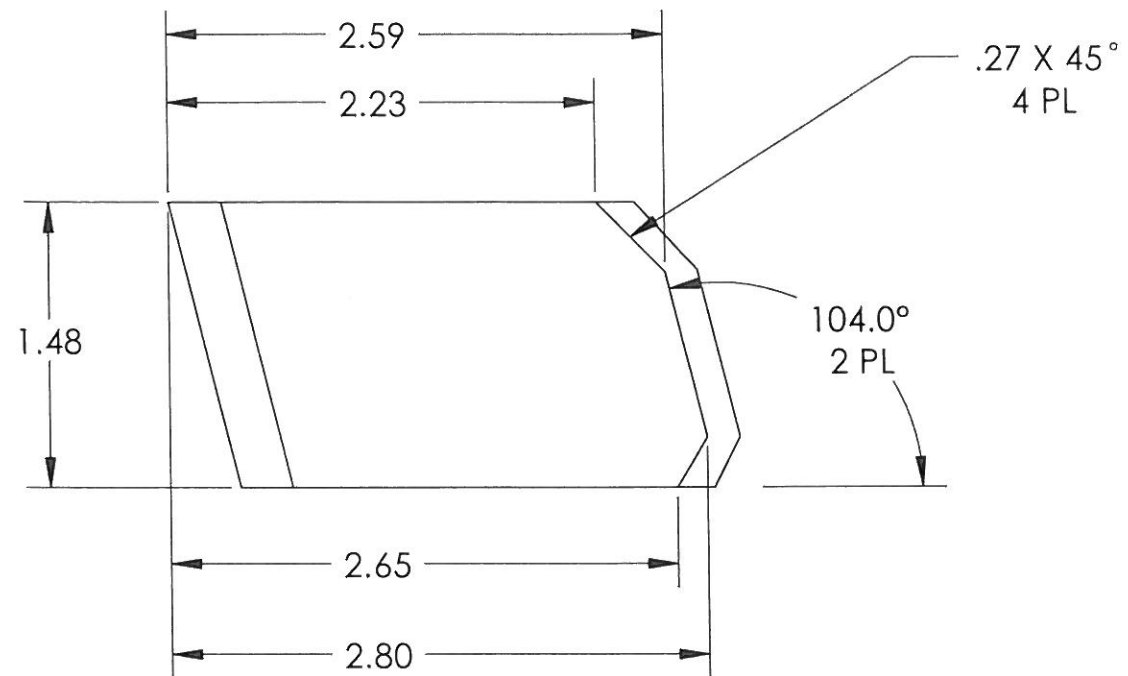
03699,

			647.1915	SUPPORT ANGLE		
			647.1914	BRACKET		
			647.1913	TEE		
			647.1912	BRACKET, LH		
			647.1911	BRACKET, RH		
			647.1910	CLIP		
		FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
QTY			PARTS LIST			
NEXT ASSY (S)			APICAL INDUSTRIES			
647.1300			2608 TEMPLE HEIGHTS DR.			
			OCEANSIDE, CA. 92056-3512 (760)724-5300			
			BRACKETS			
			UNLESS OTHERWISE SPECIFIED			
			DIMENSIONS ARE IN INCHES			
			TOLERANCES ARE			
			2 PLACE DECIMALS ± .01			
			3 PLACE DECIMALS ± .005			
			ANGLES ± 5°			
			SIZE	CAGE CODE	DWG NO	REV.
			B	07MZ6	647.1900	N/C
			SCALE NONE			SHEET 1 OF 5

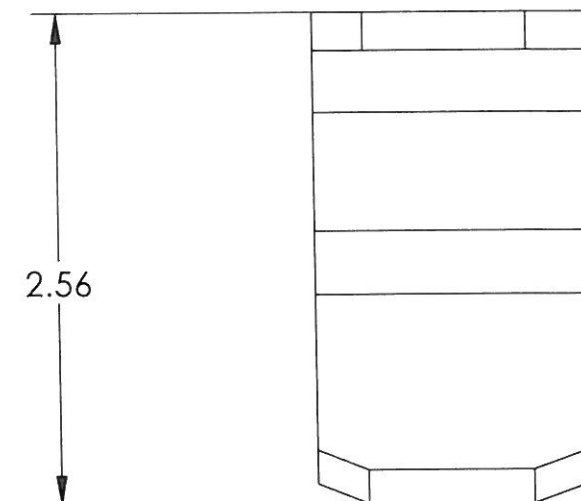
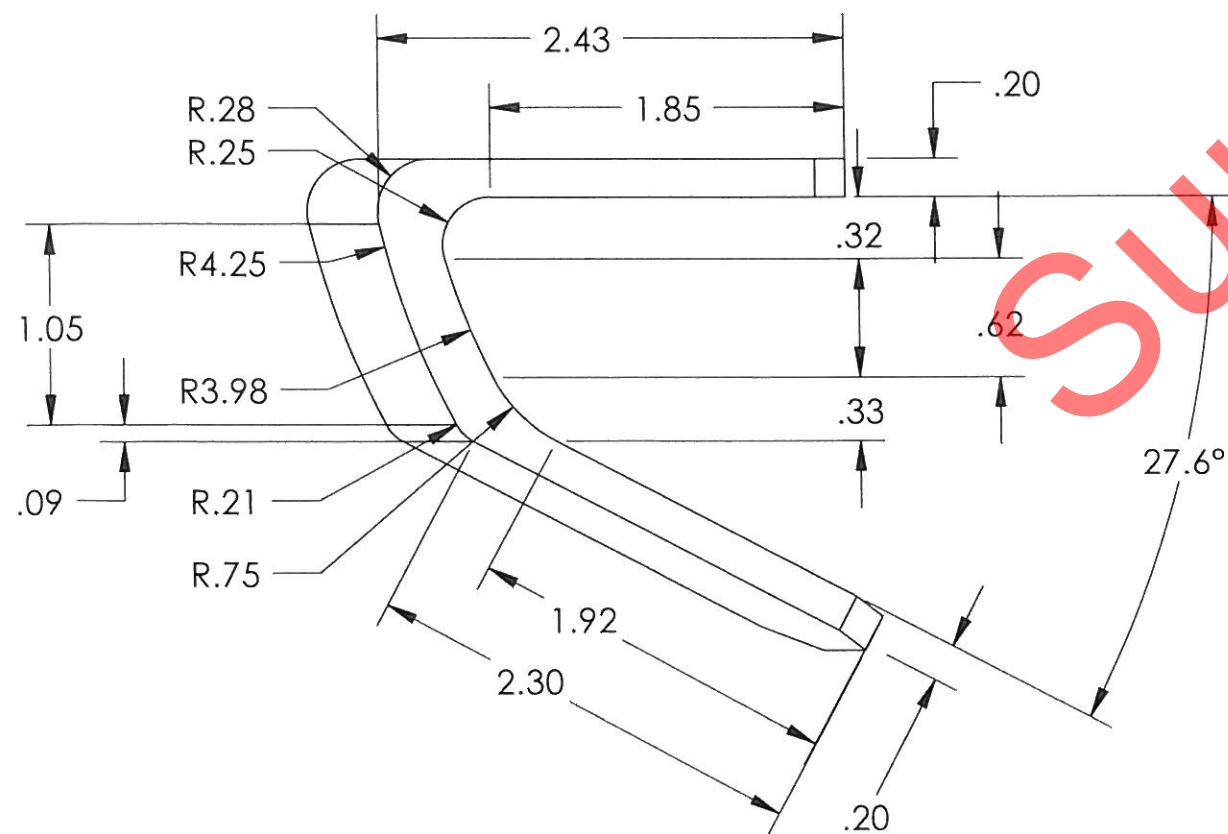
APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760) 724-5300

BRACKETS

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

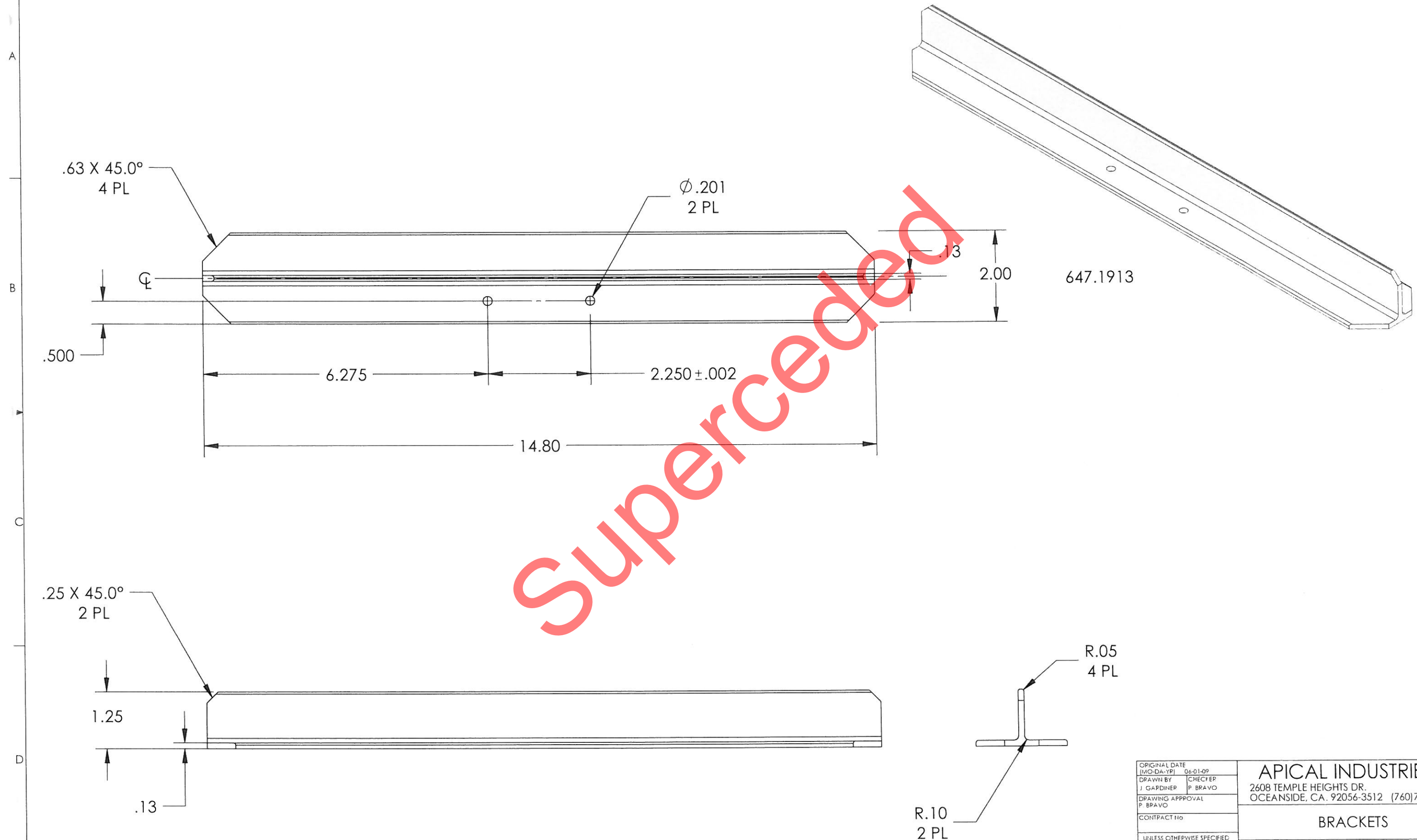


647.1911 SHOWN
647.1912 OPPOSITE



ORIGINAL DATE (MO-DA-YR) 06-01-09		APICAL INDUSTRIES		
DRAWN BY J. GARDNER		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300		
DRAWING APPROVAL P. BRAVO		BRACKETS		
CONTRACT NO.				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.1900
		SCALE: NONE		REV N/C
		SHEET 2 OF 5		

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
APICAL INDUSTRIES ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



ORIGINAL DATE (MO-DA-YR) 06-01-09		APICAL INDUSTRIES	
DRAWN BY J. GARDNER	CHECKED BY P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300	
DRAWING APPROVAL P. BRAVO		BRACKETS	
CONTRACT NO.		SIZE B	REV N/C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°		CAGE CODE 07MZ6	DWG. NO. 647.1900
SCALE: NONE		SHEET 3 OF 5	

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
APICAL INDUSTRIES ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

A

B

C

D

1.66

R.20 2 PL

.07
2 PL

1.00

R.10
2 PL

.38

1.84

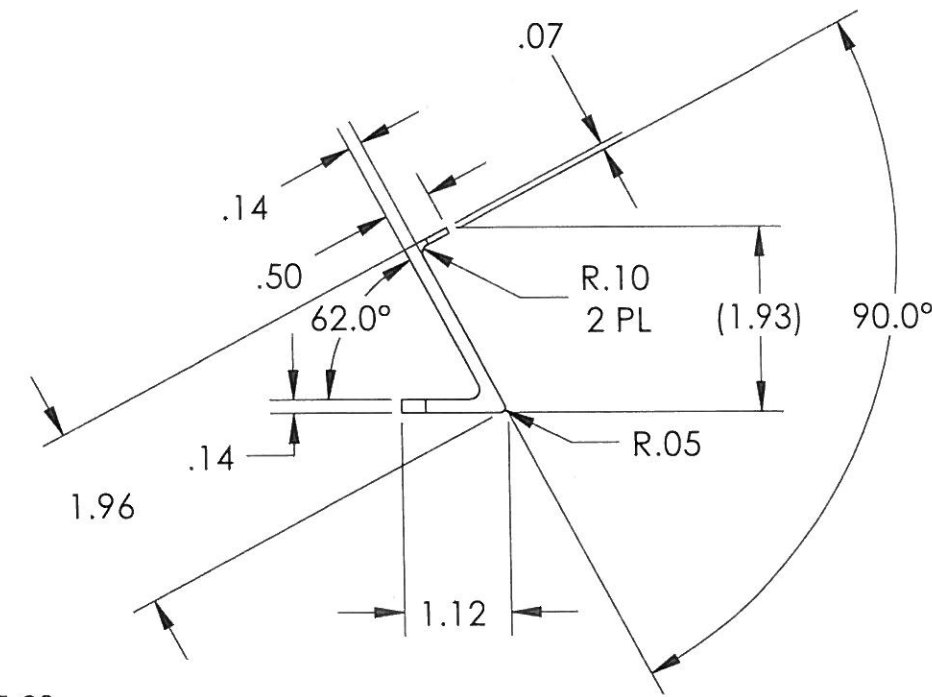
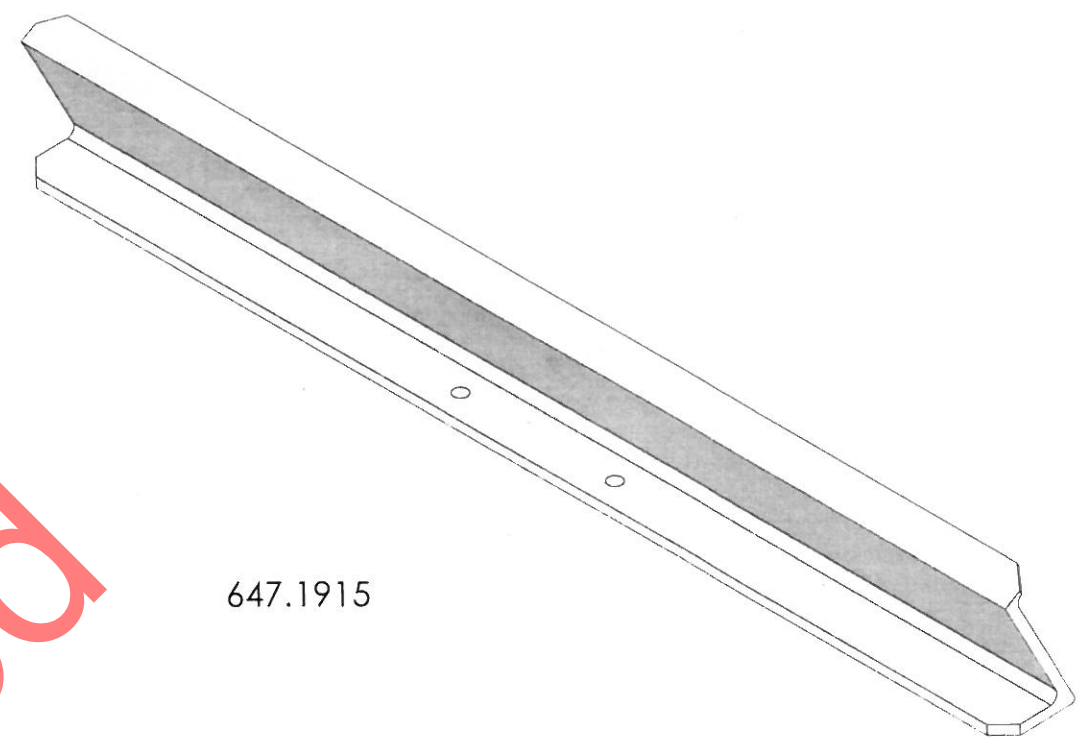
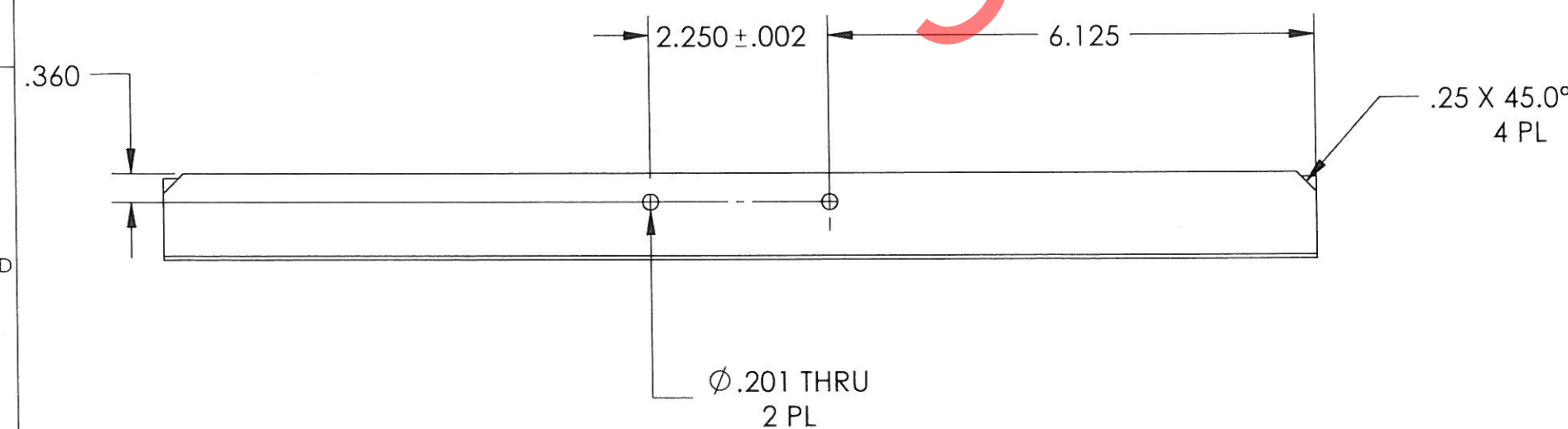
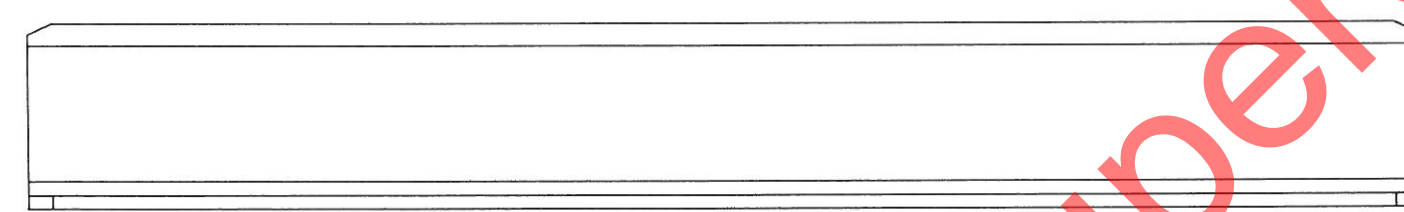
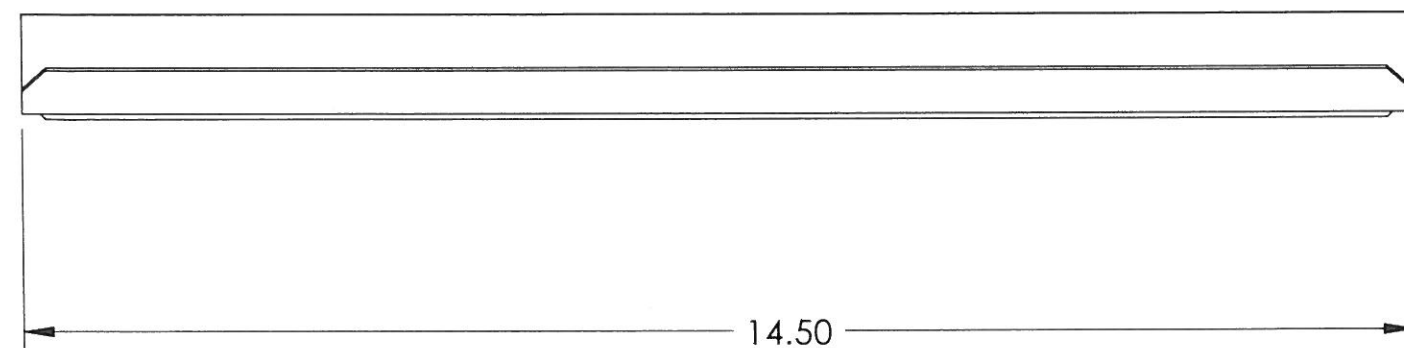
.07

647.1914

ORIGINAL DATE (MO-DA-YR) 06-01-09		APICAL INDUSTRIES		
DRAWN BY J. GARDINER		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300		
DRAWING APPROVAL P. BRAVO		BRACKETS		
CONTRACT NO.				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± 5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.1900
		SCALE: NONE		REV. N/C
		SHEET 4 OF 5		

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
APICAL INDUSTRIES ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

A
B
C
D



ORIGINAL DATE (MO-DA-YR) 06-01-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300			
DRAWN BY J. GARDNER	CHECKED P. BRAVO				
DRAWING APPROVAL P. BRAVO					
CONTRACT No.		BRACKETS			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± 5°		SIZE	CAGE CODE	DWG. NO.	REV
		B	07MZ6	647.1900	N/C
		SCALE: NONE			SHEET 5 OF 5